

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
30-5004(4015)SERIAL NO.  
09/465,492LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Vladimir Segal et al.FILING DATE  
December 16, 1999GROUP  
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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

HW	AR	Ruglic, Thomas, "Normalizing of Steel", ASM Handbook Vol 4: Heat Treating, ASM International, August 1991. pages 35-41.					
	AS						
	AT						

EXAMINER *Henry S. W. L. III*

DATE CONSIDERED 5/6/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

 <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)</p>		ATTY. DOCKET NO. 30-5004(4015)		SERIAL NO. 09/465,492			
		APPLICANT Vladimir Segal et al.					
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		U.S. PATENT DOCUMENTS					
*Examiner Initial	Document Number	Date	Name	Class	Subclass		
HW	AA 5,722,165	03-1998	Kobayashi et al.				
HW	AB 4,517,032	05-1985	Goto et al.				
HW	AC 5,772,795	06-1998	Lally et al.				
HW	AD 6,221,178 B1	04-2001	Torizuka et al.				
	AE						
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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
HW	AM 252,442	09.06.1960	Australia				
HW	AN 55-179784	19.12.1980	Japan				
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
HW	AR	Hughes et al., "Grain Subdivision and the Development of Local Orientations in Rolled Tantalum" Tantalum. The Minerals, Metals & Materials Society. 1996. pgs. 257-262. (Year is sufficiently early so that the month is not an issue.)					
HW	AS	Arlt. Jr., "Sulfonation and Sulfonation to Thorium and Thorium Compounds" Kirk-Othmer Encyclopedia of chemical Technology vol. 22. pp. 541-564. (1993. Year is sufficiently early so that the month is not an issue.)					
HW	AT	Kirkbride et al., "The Effect of Yttrium on the Recrystallization and Grain Growth of Tantalum", J. Less-Common Metals. vol. 9. pp. 393-408. 1965. (Year is sufficiently early so that the month is not an issue.)					
EXAMINER	<i>Barry D. W. Miller</i>			DATE CONSIDERED	5/6/03		
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	AA							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
	AB						Yes	No
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AC	National Research Corporation Press Release, pgs. 1-4, July 1964.						
	AD	National Research Corporation Data Sheet "SGS Tatalum", pgs. 1-7, no date.						
	AD	ASTM Standard Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip, pgs. 558-561, 1992. (Year is sufficiently early so that the month is not an issue.)						
	AE	Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Materials Research Society Symposium Proceedings, vol. 322, pgs. 413-422, 1994. (Year is sufficiently early so that the month is not an issue.)						
	AF	Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Refractory Metals & Hard Materials, vol. 12, pgs. 35-40, 1994. (Year is sufficiently early so that the month is not an issue.)						
	AG	Klein et al., "Inhomogeneous Textures in Tantalum Sheets" Materials Science Forum, vol. 157-162, pgs. 1423, (1994). (Year is sufficiently early so that the month is not an issue.)						
	AH	Clark et al., "Influence of Transverse Rolling on the Microstructural and Texture Development in Pure Tantalum", Metallurgical Transactions, vol. 23A, pgs. 2183-2191, August 1992.						
	AI	Raabe, et al., "Texture and Microstructure of Rolled and Annealed Tantalum". Materials Science and Technology, Vol. 10, pgs. 299-305, April 1994.						
	AJ	Wright et al., "Texture Gradient Effects in Tantalum". International Conference on Textures of Materials, 7 pgs., September 1993.						
	AK	Wright et al., "Textural and Microstructural Gradient Effects on the Mechanical Behavior of a Tantalum Plate". Metallurgical Transactions A, 25A (1994), pgs. 1-17. (Year is sufficiently early so that the month is not an issue.)						
	AL	Clark et al., "Effect of Processing Variables on Texture and Texture Gradients in Tantalum", Metallurgical Transactions A, Vol. 22A, September 1991, pgs. 2039-2047.						
	AM	Kumar et al., "Corrosion Resistant Properties of Tantalum" Corrosion 95, Paper No. 253, 14 pages. (No date)						
	AN	ASM Handbook, Volume 4 Heat Treating, "Heat Treating of Aluminum Alloys", 1991, pgs. 841-879. (Year is sufficiently early so that the month is not an issue.)						
	AO	V.M. Segal, "Materials Processing by Simple Shear", Materials Science and Engineering A, Volume 197, 1995, pgs. 157-164. (Year is sufficiently early so that the month is not an issue.)						
EXAMINER <i>Harry S. W. M. M.</i>				DATE CONSIDERED <i>5/6/03</i>				
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